



CALGREEN MANDATORY CHECKLIST

RESIDENTIAL PROJECTS

THESE REQUIREMENTS APPLY TO BUILDING PERMITS SUBMITTED ON OR AFTER JANUARY 1, 2014

Following is a standardized checklist of the 2013 California Green Building Standards Code (CalGreen) requirements that may be used to demonstrate compliance with the CalGreen Mandatory Measures (chapter 4). This checklist is required for all new buildings and additions/alterations that increase the building's conditioned area. The requirements shall apply only to and/or within the specific area of the addition or alteration.

CALGreen Reference	Description	Designer's Comments with Plan Sheet Reference	City Use Only Field Insp. Verification
4.1 Planning and Design	4.106.2 Storm water drainage and retention during construction. A plan is developed and implemented to manage storm water drainage during construction.	Sheet:	Initials: _____ Date: _____
4.1 Planning and Design	4.106.3 Grading and paving. Construction plans shall indicate how site grading or a drainage system will manage all surface water flows keep water from entering buildings.	Sheet:	Initials: _____ Date: _____
4.2 Energy Efficiency	5.201.1 Scope Building meets or exceeds the requirements of the California Building Energy Efficiency Standards	Sheet:	Initials: _____ Date: _____
4.3 Water Efficiency and Conservation	4.303.1 Water conserving plumbing fixtures and fittings. Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) installed in residential buildings shall comply with the prescriptive requirements of Sections 4303.1.1 through 4303.1.4.4.	Sheet:	Initials: _____ Date: _____
4.3 Water Efficiency and Conservation	4.303.2 Standards for plumbing fixtures and fittings. Plumbing fixtures and fittings required in Section 4.303.1 shall be installed in accordance with the California Plumbing Code, and shall meet the applicable referenced standards.	Sheet:	Initials: _____ Date: _____
4.3 Water Efficiency and Conservation	4.304.1. Irrigation Controllers. Automatic irrigation systems controllers installed at the time of final inspection shall be weather or soil moisture-based.	Sheet:	Initials: _____ Date: _____

4.4 Material Conservation and Resource Efficiency	4.406.1 Rodent proofing. Annular spaces around pipes, electric cables, conduits or other openings in sole/bottom plates at exterior walls shall be protected against the passage of rodents by closing such openings with cement mortar, concrete masonry or a similar method acceptable to the enforcing agency.	Sheet:	Initials: _____ Date: _____
4.4 Material Conservation and Resource Efficiency	4.408.1 Construction waste management. Recycle and/or salvage for reuse a minimum of 50 percent of the nonhazardous construction and demolition waste in accordance with one of the following: 1. Comply with a more stringent local construction and demolition waste management ordinance; or 2. A construction waste management plan, per Section 4.408.2; or 3. A waste management company, per Section 4.408.3; or 4. The waste stream reduction alternative, per Section 4.408.4.	Sheet:	Initials: _____ Date: _____
4.4 Material Conservation and Resource Efficiency	4.410.1 Operation and maintenance manual. An operation and maintenance manual shall be provided to the building occupant or owner.	Sheet:	Initials: _____ Date: _____
4.5 Environmental Quality	4.503.1 Fireplace. Any installed gas fireplace shall be a direct-vent sealed-combustion type. Any installed woodstove or pellet stove shall comply with U.S. EPA Phase II emission limits where applicable. Woodstoves, pellet stoves and fireplaces shall also comply with applicable local ordinances.	Sheet:	Initials: _____ Date: _____
4.5 Environmental Quality	4.504.1 Covering of duct openings and protection of mechanical equipment during construction. Duct openings and other related air distribution component openings shall be covered during construction 4.504.2.1 Adhesives, sealants and caulks. Adhesives, sealants and caulks shall be compliant with VOC and other toxic compound limits. 4.504.2.2 Paints and coatings. Paints, stains and other coatings shall be compliant with VOC limits. 4.504.2.3 Aerosol paints and coatings. Aerosol paints and coatings shall be compliant with product weighted MIR limits for VOC and other toxic compounds. 4.504.2.4 Verification. Documentation shall be provided to verify that compliant VOC limit finish materials have been used. 4.504.3 Carpet systems. Carpet and carpet systems shall be compliant [8] 0 0 0 with VOC limits. 4.504.4 Resilient flooring systems. 80% of floor area receiving resilient flooring shall comply with the VOC-emission limits defined in the Collaborative for High Performance Schools (CHPS) High Performance Products Database or be certified under the Resilient Floor Covering Institute (RFCI) FloorScore program; or meet California Dept of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers", Version 1.0, February 2010 (also known as Specification 01350). 4.504.5 Composite wood products. Particleboard, medium density fiberboard (MDF) and hardwood plywood used in interior finish systems shall comply with low formaldehyde emission standards.	Sheet:	Initials: _____ Date: _____

4.5 Environmental Quality	<p>4.505.2 Concrete slab foundations. Vapor retarder and capillary break is installed at slab-on-grade foundations.</p> <p>4.503.3 Moisture content of building materials. Moisture content of building materials used in wall and floor framing is checked before enclosure.</p>	Sheet:	Initials: _____ Date: _____
4.5 Environmental Quality	<p>4.507.2 Heating and air-conditioning system design. Duct systems are sized, designed, and equipment is selected using the following methods:</p> <ol style="list-style-type: none"> 1. Establish heat loss and heat gain values according to ANSI/ACCA 2 Manual J-2004 or equivalent. 2. Size duct systems according to ANSI/ACCA 1 Manual D-2009 or equivalent. 3. Select heating and cooling equipment according to ANSI/ACCA 3 Manual S-2004 or equivalent. 	Sheet:	Initials: _____ Date: _____
Chapter 7 Installer and Special Inspector Qualifications	<p>702.1 Installer Training. HVAC system installers are trained and certified in the proper installation of HVAC systems.</p> <p>702.2 Special Inspection. Special inspectors employed by the enforcing agency must be qualified and able to demonstrate competence in the discipline they are inspecting.</p> <p>703.1 Documentation. Verification of compliance with this code may include construction documents, plans, specifications builder or installer certification, inspection reports, or other methods acceptable to the enforcing agency which show substantial conformance.</p>	Sheet:	Initials: _____ Date: _____